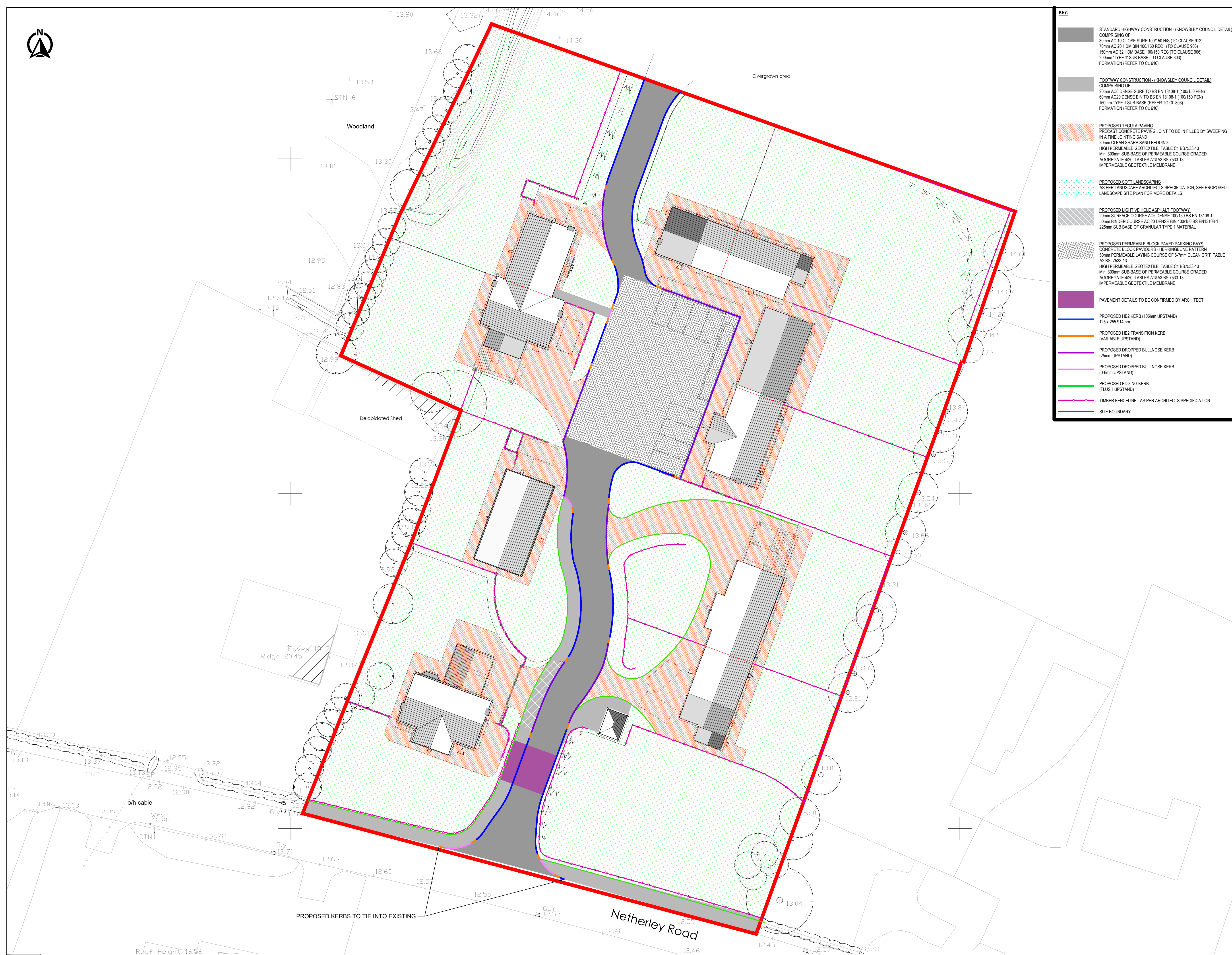




KEY:

- STANDARD HIGHWAY CONSTRUCTION - (KNOWSLEY COUNCIL DETAIL)**
COMPRISING OF:
30mm AC 10 CLOSE SURF 100/150 HVS (TO CLAUSE 912)
70mm AC 20 HDM BIN 100/150 REC (TO CLAUSE 906)
150mm AC 32 HDM BASE 100/150 REC (TO CLAUSE 906)
200mm TYPE 1 SUB-BASE (TO CLAUSE 803)
FORMATION (REFER TO CL 616)
- FOOTWAY CONSTRUCTION - (KNOWSLEY COUNCIL DETAIL)**
COMPRISING OF:
20mm AC6 DENSE SURF TO BS EN 13108-1 (100/150 PEN)
60mm AC20 DENSE BIN TO BS EN 13108-1 (100/150 PEN)
150mm TYPE 1 SUB-BASE (REFER TO CL 803)
FORMATION (REFER TO CL 616)
- PROPOSED TEGULA PAVING**
PRECAST CONCRETE PAVING JOINT TO BE IN FILLED BY SWEEPING
IN A FINE JOINTING SAND
30mm CLEAN SHARP SAND BEDDING
HIGH PERMEABLE GEOTEXTILE, TABLE C1 BS7533-13
Min. 300mm SUB-BASE OF PERMEABLE COURSE GRADED
AGGREGATE 4/20, TABLES A1&A3 BS 7533-13
IMPERMEABLE GEOTEXTILE MEMBRANE
- PROPOSED SOFT LANDSCAPING**
AS PER LANDSCAPE ARCHITECTS SPECIFICATION, SEE PROPOSED
LANDSCAPE SITE PLAN FOR MORE DETAILS
- PROPOSED LIGHT VEHICLE ASPHALT FOOTWAY**
20mm SURFACE COURSE AC6 DENSE 100/150 BS EN 13108-1
50mm BINDER COURSE AC 20 DENSE BIN 100/150 BS EN13108-1
225mm SUB-BASE OF GRANULAR TYPE 1 MATERIAL
- PROPOSED PERMEABLE BLOCK PAVED PARKING BAYS**
CONCRETE BLOCK PATIORS - HERRINGBONE PATTERN
50mm PERMEABLE LAYING COURSE OF 6-7mm CLEAN GRIT, TABLE
A2 BS 7533-13
HIGH PERMEABLE GEOTEXTILE, TABLE C1 BS7533-13
Min. 300mm SUB-BASE OF PERMEABLE COURSE GRADED
AGGREGATE 4/20, TABLES A1&A3 BS 7533-13
IMPERMEABLE GEOTEXTILE MEMBRANE
- PAVEMENT DETAILS TO BE CONFIRMED BY ARCHITECT**
- PROPOSED HB2 KERB (105mm UPSTAND)**
125 x 255 914mm
- PROPOSED HB2 TRANSITION KERB**
(VARIABLE UPSTAND)
- PROPOSED DROPPED BULLNOSE KERB**
(25mm UPSTAND)
- PROPOSED DROPPED BULLNOSE KERB**
(0-6mm UPSTAND)
- PROPOSED EDGING KERB**
(FLUSH UPSTAND)
- TIMBER FENCELINE - AS PER ARCHITECTS SPECIFICATION**
- SITE BOUNDARY**

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NOTES

- BASED ON LATEST PROPOSED SITE LAYOUT.
- IF RECEIVED ELECTRONICALLY, IT IS THE RECIPIENT'S RESPONSIBILITY
TO PRINT TO THE CORRECT SCALE. ONLY WRITTEN DIMENSIONS SHALL
BE USED.
- ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH THE RELEVANT
DRAWINGS AND SPECIFICATIONS.
- DRAWING TO BE USED FOR INFORMATION PURPOSES.
- BITUMINOUS MATERIALS SHALL BE LAID IN ACCORDANCE WITH BS
5948:97.
- TACK COATS IN ACCORDANCE WITH CLAUSE 920 OF THE MANUAL OF
CONTRACT DOCUMENTS FOR HIGHWAYS WORKS ARE TO BE APPLIED
BETWEEN ALL BITUMINOUS LAYERS.
- WHERE SITE CONDITIONS DO NOT PERMIT ADEQUATE ROLLING OF THE
CAPPING, SUB-BASE AND BASE LAYERS THEN THESE SHALL BE
REPLACED WITH CONCRETE TO CLAUSE 1001 TABLE 101/ AS DIRECTED
BY THE ENGINEER.
- IN THE CASE OF FOOTWAYS ADJACENT TO BUILDING FRONTAGES,
ATTENTION SHOULD BE PAID TO THE BUILDING DAMP PROOF COURSE
(DPC) LEVEL. NEW FOOTWAYS SHOULD BE SET AT LEAST 150MM BELOW
THE DPC, WHERE FOOTWAYS ARE BEING RECONSTRUCTED THE LEVEL
OF THE BACK OF THE FOOTWAY SHOULD IDEALLY BE NO HIGHER THAN
THE ORIGINAL. IF AN INCREASE IN THE LEVEL IS PROPOSED
CONSIDERATION SHALL BE GIVEN TO THE POSSIBLE IMPACT ON THE
BUILDING'S DPC. ALTERNATIVE OR ADDITIONAL DPC TREATMENTS MAY
NEED TO BE AGREED WITH THE ARCHITECT OR CLIENT.
- SUB FORMATION FOR NEW PAVEMENT CONSTRUCTION TO BE TESTED
TO DETERMINE CBR VALUES AT 50m CENTRES (MIN). SOFT SPOTS TO BE
REMOVED AND REPLACED WITH SUFFICIENT CAPPING OR SUB-BASE TO
ACHIEVE REQUIRED CBR VALUE.
- MINIMUM 30% CBR IS TO BE ACHIEVED ON FORMATION WITH A VERTICAL
TOLERANCE OF +/- 3mm FOR PAVEMENT LAYING.
- ALL MATERIALS AND WORKMANSHIP TO BE IN ACCORDANCE WITH THE
SPECIFICATION FOR HIGHWAY WORKS UNLESS STATED OTHERWISE.
- CONCRETE SHALL HAVE SULPHATE RESISTANCE CLASS OF AC1 DS-1
UNLESS STATED OTHERWISE.
- SUB-BASE AND GRANULAR FILL MATERIAL SHALL NOT BE LAID DIRECTLY
ONTO EXISTING BITUMINOUS MATERIALS. AFFECTED BITUMINOUS
LAYERS SHALL BE EXCAVATED AND THE RESULTANT VOID FILLED WITH
THE APPROPRIATE FREE DRAINING GRANULAR MATERIAL.
- DOVEL BARS SHALL BE REQUIRED WITH STANDARD KERBS IN
CIRCUMSTANCES WHERE THE KERBS ARE VULNERABLE.
- CONTRACTOR TO SCAN/CHECK THE PROPOSED LOCATIONS FOR ANY
UNDERGROUND SERVICES PRIOR TO START OF ANY CONSTRUCTION
WORK.
- THE EXISTING SURFACE TO BE TRIMMED BY THE MINIMUM AMOUNT OF
COLD-MILLING (PLANING) TO A DEPTH WHICH WILL ALLOW THE
SPECIFIED THICKNESS OF NEW PAVEMENT CONSTRUCTION.
- COLD-MILLING (PLANING) AND REINSTATEMENT OF BITUMINOUS BOUND
FLEXIBLE PAVEMENT TO BE IN ACCORDANCE WITH MCHW 700.
- CONSTRUCTION JOINT BETWEEN NEW AND EXISTING PAVEMENT
CONSTRUCTION SHOULD BE SEALED IN ACCORDANCE WITH CLAUSE 903
OF SHW AND RESISTANT TO WATER INGRESS TO PREVENT FORMATION
OF CRACKING.
- THE PAVEMENT CONSTRUCTION INDICATED IS AN OUTLINE DESIGN FOR
BUDGETARY PURPOSES ONLY. THE DESIGN MAY CHANGE AS THE
DESIGN DEVELOPS.
- HIGHWAY PAVEMENTS HAVE BEEN DESIGNED FOR 2 MILLION STANDARD
AXLES.
- PAVEMENTS ARE BASED ON AN ASSUMED MINIMUM CBR VALUE OF 5%.
THIS SHALL BE VERIFIED DURING CONSTRUCTION.
- EQUIVALENT NEW ROAD PAVEMENT CONSTRUCTION IS PERMITTED IN
ACCORDANCE WITH DMRB HD 26/06 AND IAN 7306.
- ALL KERBS ARE TO BE INSTALLED TO MANUFACTURER'S
SPECIFICATIONS AND GUIDELINES.
- PROPOSED FOOTWAYS TO BE CONSTRUCTED OVER EXISTING
HARD-STANDING AREAS SHALL BE OVERLAID AND REGULATED WITH
BINDER (IN LINE WITH FOOTWAY SURFACING SPECIFICATION) TO A
DEPTH 20mm BELOW FINISHED SURFACE LEVEL. NO GRANULAR
SUBBASE SHALL BE INSTALLED.
- KERB BACKING NORMALLY BROUGHT UP TO 50mm BELOW TOP OF KERB,
BUT WHERE FINAL SURFACE OF FOOTWAY IS SLAB PAVING, KERB
BACKING SHALL FINISH 75mm BELOW TOP OF KERB. FOR BLOCK PAVED
FOOTWAYS THE DETAIL RELEVANT FOR A KERB TYPE TO BE AS
SPECIFIED.
- MORTAR JOINTS BETWEEN KERBS NOT TO BE PROVIDED UNLESS
SPECIFIED. GAPS BETWEEN KERBS TO BE 1-2mm. WHERE MORTAR
JOINTING IS SPECIFIED, EXPANSION JOINTS TO BE PROVIDED THROUGH
KERBS, BED AND BACKING AT 15m CENTRES WHEN LAID ADJACENT TO
OR ON CONCRETE PAVEMENT.
- ALL WORKS ARE SUBJECT TO LOCAL HIGHWAY AUTHORITY APPROVAL.
ANY WORKS UNDERTAKEN PRIOR TO LOCAL HIGHWAY APPROVAL WILL
BE AT RISK AND ANY ABORTIVE WORKS WILL BE THE CONTRACTOR'S
RESPONSIBILITY.

R1	28/08/2025	FOR APPROVAL	OC	LS	AJF
REV	DATE	DESCRIPTION	DRN	CHD	APPD

DRG. STATUS

FOR APPROVAL



CLIENT
DOWLS CONSTRUCTION LTD

PROJECT
**NETHERLEY ROAD, TARBOCK
GREEN, PRESCOT, L35 1QE**

DRG. TITLE
EXTERNAL WORKS

DRG. NO.
25085-AJF-ZZ-ZZ-DR-C-001

REV
R1

0 12.5m
SCALE 1:250m